

Monitoring Report Submittal Transmittal Form

Attn: Guy Childs (916) 464-4648
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Discharger: The Morning Star Packing Company, LP and Fred Gobel
Name of Facility: Williams Facility
WDRs Order Number: R5-2013-0144
WDID: 5A062005001
County: Colusa

I am hereby submitting to the Central Valley Water Board the following information:

Check all that apply:

Monthly Monitoring Report for the month of OCTOBER
1st / 2nd / 3rd / 4th (circle one) Quarterly Monitoring Report for the year of N/A
1st / 2nd (circle one) Semi-annual Monitoring Report for the year N/A
Annual Monitoring Report for the year N/A

Violation Notification

During the monitoring period, there were were not (circle one) any violations of the WDRs.

1. The violations were: (add extra pages as needed)
2. Have the violations been corrected? Yes / No. If no, what will be done to correct the violations: (add extra pages as needed) N/A

Certification Statement

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: [Signature] Phone: (530) 666-6600
Printed Name: ROSS OLIVEIRA Date: 12/1/15



THE MORNING STAR PACKING COMPANY

724 Main Street, Woodland CA 95695

1 December 2015

Mr. Guy Childs
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Re: Monthly Report for The Morning Star Packing Company – Williams, according to Waste Discharge Requirements Order No. R5-2013-0144.

Dear Mr. Childs:

Please find herewith the October Report with items requested in the Monthly Monitoring Reports section of the Monitoring and Reporting Program No. R5-2013-0144.

1. Tabulated pond monitoring data.

The tabulated pond monitoring results for October is included as **Attachment A**.

2. Tabulated daily flow measurements from each wastewater source and supplemental irrigation water to each check in each LAA field.

The October flow measurement logsheet is included as **Attachment B**. The flow data used was from Station 1 – Settling Pond as the flow meter is designed to more accurately account for lower flows than Station 3 – Total Discharge to LAA.

3. The cumulative annual wastewater (Station 1 and Station 2) flow discharged to the LAAs to date, the average daily flow for the month, and comparison to the average daily flow limit.

The cumulative annual washwater from Station 1 and Station 2 are provided below and included in **Attachment B**:

Source	Annual Flow	Flow Limit
Station 1: Settling Pond/Gutters	140,809,402	
Station 2: Cooling Pond	0	
Total Washwater Discharge	140,809,402	422,000,000

Williams
2211 Old HWY 99
Williams, California
95987

Santa Nella
12045 S Ingomar Grade Rd
Los Banos, California
93635

Los Banos
13448 Volta Rd
Los Banos, California
93635



4. Tabulated wastewater monitoring data and calculation of the running average for each group of three consecutive sample results for BOD and total nitrogen.

As The Morning Star Packing Company – Williams was not processing, there is no washwater monitoring data obtained in October. The calculations submitted utilize September data on the October logsheet and is included as **Attachment C**.

5. A current site plan depicting the irrigation checks within each LAA field that will be used during the calendar year, including all water conveyance ditches and internal berms that divide each LAA (where applicable).

An updated 2015 site plan for the facility's LAA and individual field maps are provided in **Attachment D**.

6. Tabulated update cropping information for each LAA field that includes at least:

- a. The crop that will be grown in each field;*
- b. Planned and actual planting dates;*
- c. Planned and actual harvest dates;*
- d. Planned and actual cattle grazing schedule, location of cattle grazing, including the number of head on each field;*
- e. Typical maximum expected and actual yield at harvest in applicable crop units per acre;*
- f. Crop total nitrogen demand; and*
- g. Crop average evapotranspiration rate in inches*

The tabulated cropping information for each LAA is included as **Attachment E**.

7. Tabulated land application area monitoring data for each LAA field, including; calculation of the hydraulic loading, irrigation cycle average BOD loading, and total nitrogen loading to date from all sources. The average of the three most recent monitoring results shall be used to determine irrigation cycle average BOD and total nitrogen loading. Loading rates for Settling Pond solids, residual solids, cattle manure and commercial fertilizers shall be calculated separately using actual load analytical results and application areas.

The tabulated land application area monitoring data for each LAA field are also included as **Attachment E**.

8. A summary of the daily pre-application inspection reports for the month.

As The Morning Star Packing Company – Williams was not processing, there are no pre-application inspection reports to submit, however, a October logsheet is included as **Attachment F**.

9. Calculation of the flow-weighted average FDS concentration to date (representative of the Settling Pond and plant sanitation/clean-up water) as monitored at Station 1.

As The Morning Star Packing Company – Williams was not processing, the calculation of the flow-weighted average FDS concentration utilizes September data and this information is presented at the bottom of **Attachment C**.

10. Residual solids monitoring data and monthly mass of residual solids generated and applied to each LAA field and/or disposed of off-site.

As The Morning Star Packing Company – Williams was not processing, there are no residual solids monitoring data to report, however, a October logsheet is included as **Attachment G**.

11. A comparison of monitoring data to the flow limitations, effluent limitations; mass loading limitations (for each LAA field), and discharge specifications, and an explanation of any violation of those requirements.

As The Morning Star Packing Company – Williams was not processing, there are no comparison of monitoring data to the flow limitations, effluent limitations, mass loading limitations or discharge specifications.

12. If requested by staff, copies of laboratory analytical report(s).

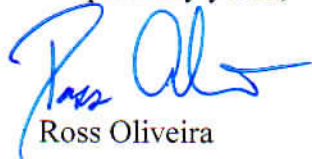
As The Morning Star Packing Company – Williams was not processing, there are no laboratory analytical reports to be submitted.

13. Copies of current calibration logs for all field test instruments.

The calibration logs for October are included as **Attachment H**, which includes the 2015 flow meter calibration logs that were completed in May 2015.

"I certify under penalty of law that this document and all attachments have been prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Respectfully yours,


Ross Oliveira

Attachment A

MONTHLY MONITORING REPORT

MONTH

October

YEAR

2015

DISCHARGE Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order R5-2013-0144

POND MONITORING RESULTS: No water in settling pond

Monitoring Location	Monitoring Week	Monitoring Date	Monitoring Time	Dissolved Oxygen ¹ (mg/L)	pH	Freeboard (0.1 feet)	Odors ³	Monthly Pond Berm/Leeve Condition ⁴	Technician's Initials	Notes
Settling Pond	Week 1									
	Week 2									
	Week 3									
	Week 4									
	Week 5									
Cooling Pond	Week 1	10/3/15	8:30am	D-1.4 , G-2.7	7.3	2.6	Slight	Good	C.R.	
	Week 2	10/10/15	8:15am	D-1.1 , G-2.4	7.2	2.7	None	Good	C.R.	
	Week 3									
	Week 4									
	Week 5									

Sample frequency shall be weekly during the processing season and monthly during the non-processing season.

¹Samples shall be collected at a depth of one foot from each pond in use, opposite the inlet.

²Freeboard shall be measured to the nearest 0.1 foot from staff gauge.

³Odors shall be reported as (none, slight, moderate, strong)

⁴If a pond berm/leeve condition is not reported as good, a description of the condition of the berm/leeve shall be provided, as well as the maintenance that was completed.

Attachment B

MONTHLY MONITORING REPORT

MONTH
 YEAR

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order: R5-2013-0144

FLOW MONITORING RESULTS :

Monitoring Date (Day of Month)	Flow Source					
	Supplemental GCID Irrigation Water (gallons; calculated)	Station 1 - Settling Pond Water (gallons; meter)	Station 2 - Cooling Pond Water (gallons; meter)	Station 3 - Total Discharge to LAAs (gallons; meter)	Names of LAAs Irrigated	Station 3 - Total Discharge to LAAs (inches)
1	0	56,011	0	86,139	-	0
2	0	18,293	0	24,915	-	0
3	0	17,660	0	19,534	-	0
4	0	14,328	0	10,401	-	0
5	0	33,346	0	38,852	-	0
6	0	0	0	0	-	0
7	0	0	0	0	-	0
8	0	0	0	0	-	0
9	0	0	0	0	-	0
10	0	0	0	0	-	0
11	0	0	0	0	-	0
12	0	0	0	0	-	0
13	0	0	0	0	-	0
14	0	0	0	0	-	0
15	0	0	0	0	-	0
16	0	0	0	0	-	0
17	0	0	0	0	-	0
18	0	0	0	0	-	0
19	0	0	0	0	-	0
20	0	0	0	0	-	0
21	0	0	0	0	-	0
22	0	0	0	0	-	0
23	0	0	0	0	-	0
24	0	0	0	0	-	0
25	0	0	0	0	-	0
26	0	0	0	0	-	0
27	0	0	0	0	-	0
28	0	0	0	0	-	0
29	0	0	0	0	-	0
30	0	0	0	0	-	0
31	0	0	0	0	-	0
Total Monthly Flow (MG)	0	139,638	0	179,841		0
Average Daily Flow (MGD)	0	4,504	0	5,801		0
Cumulative Annual Flow to Date (MG)	36,360,000	140,809,402	0	140,849,605		0

Attachment C

MONTHLY MONITORING REPORT**MONTH**

October

YEAR

2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel**FACILITY:** Morning Star Tomato Packing Plant**COUNTY:** Colusa**WDRs Order:** R5-2013-0144**WASTEWATER MONITORING RESULTS : No Washwater Monitoring****Samples Collected from Station 1**

Monitoring Week	Monitoring Date	BOD (mg/L)	3-Sample Average BOD (mg/L) ¹	Total Nitrogen (mg/L)	3-Sample Average Total Nitrogen (mg/L) ¹	FDS (mg/L)
Second to Last Week of Previous Month	9/17/15	1200		57		660
Last Week of Previous Month	9/24/15	1200		57		660
Week 1 of Current Month						
Week 2 of Current Month						
Week 3 of Current Month						
Week 4 of Current Month						
Week 5 of Current Month						

¹ BOD testing done outside of hold times. 7/23 result not used in calculations.

Sampling is not required during periods when no wastewater is discharged to the LAAs.

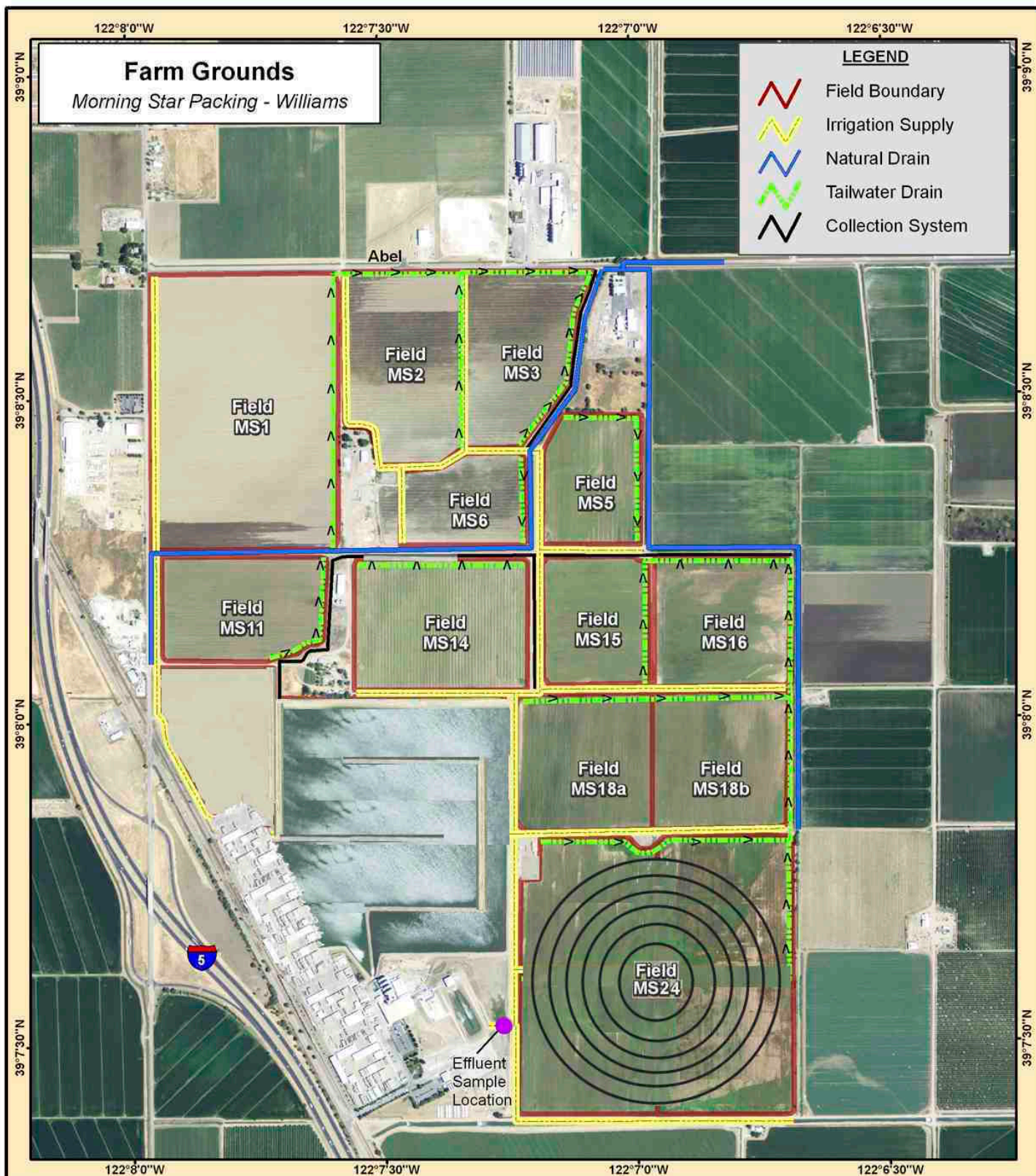
Average BOD Concentration (mg/L) ¹	1200
Average Monthly Total Nitrogen Concentration (mg/L) ²	57
Monthly Average FDS Concentration (mg/L)	660
Flow Weighted Average FDS Concentration to Date (mg/L) ³	629

¹See MRP Reporting Section A.4.

²Value to be used in annual loading calculation (WDR Section C.2.a).

³Calculated per WDR Section C.1.a (Show Calculations). Sample result from 8/6 is questionable so was not used. Flow Weighted FDS with this value is 1027.

Attachment D



Custom Mapping Services, L.L.C. does not guarantee the accuracy or content of the data used in this map. Map is intended for pictorial use only and is not to be used for legal purposes.

Map Scale 1:14,400 1 Inch = 1,200 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: February 27, 2014
Map ID: CMS2014-038

Farm Grounds - Field MS2 Morning Star Packing - Williams

Abel

LEGEND

- Tarp 7 (6 checks)
- Tarp 6 (7 checks)
- Tarp 5 (8 checks)
- Tarp 4 (8 checks)
- Tarp 3 (8 checks)
- Tarp 2 (8 checks)
- Tarp 1 (13 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System

39°8'40"N

39°8'30"N

39°8'40"N

39°8'30"N

122°7'30"W

122°7'20"W

122°7'30"W

122°7'20"W



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Map Scale 1:3,000 1 Inch = 250 Feet

0 125 250 500 Feet

0 30 60 120 180 240 300 360 420 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

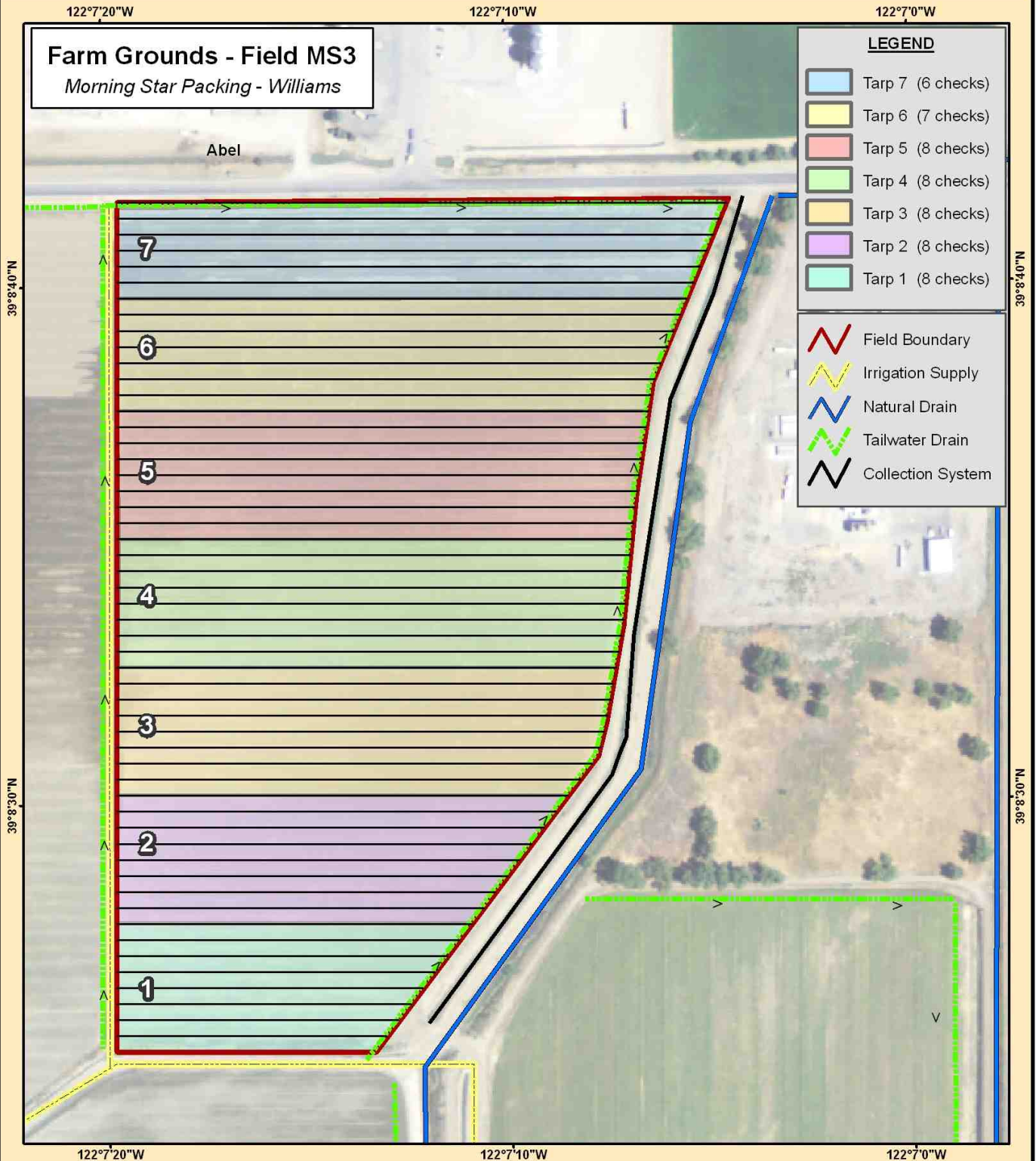
Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: March 18, 2014
Map ID: CMS2014-043

Farm Grounds - Field MS3 *Morning Star Packing - Williams*

LEGEND

- Tarp 7 (6 checks)
- Tarp 6 (7 checks)
- Tarp 5 (8 checks)
- Tarp 4 (8 checks)
- Tarp 3 (8 checks)
- Tarp 2 (8 checks)
- Tarp 1 (8 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System



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Map Scale 1:3,000 1 Inch = 250 Feet



Data Source:
 Aerial Photography: Summer 2012
 Projection: UTM Zone 10N, NAD 83
 State of California: Colusa County

Map Source:
 Custom Mapping Services, L.L.C.
 Prairieville, LA (225) 677-7207
 Map Date: March 24, 2014
 Map ID: CMS2014-044

Farm Grounds - Field MS5
Morning Star Packing - Williams

LEGEND

- Tarp 4 (9 checks)
- Tarp 3 (8 checks)
- Tarp 2 (7 checks)
- Tarp 1 (7 checks)

- ~ Field Boundary
- ~ Irrigation Supply
- ~ Natural Drain
- ~ Tailwater Drain
- ~ Collection System



Custom Mapping Services, L.L.C. does not guarantee the accuracy or content of the data used in this map. Map is intended for pictorial use only and is not to be used for legal purposes.

Map Scale 1:2,700 1 Inch = 225 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: March 24, 2014
Map ID: CMS2014-049



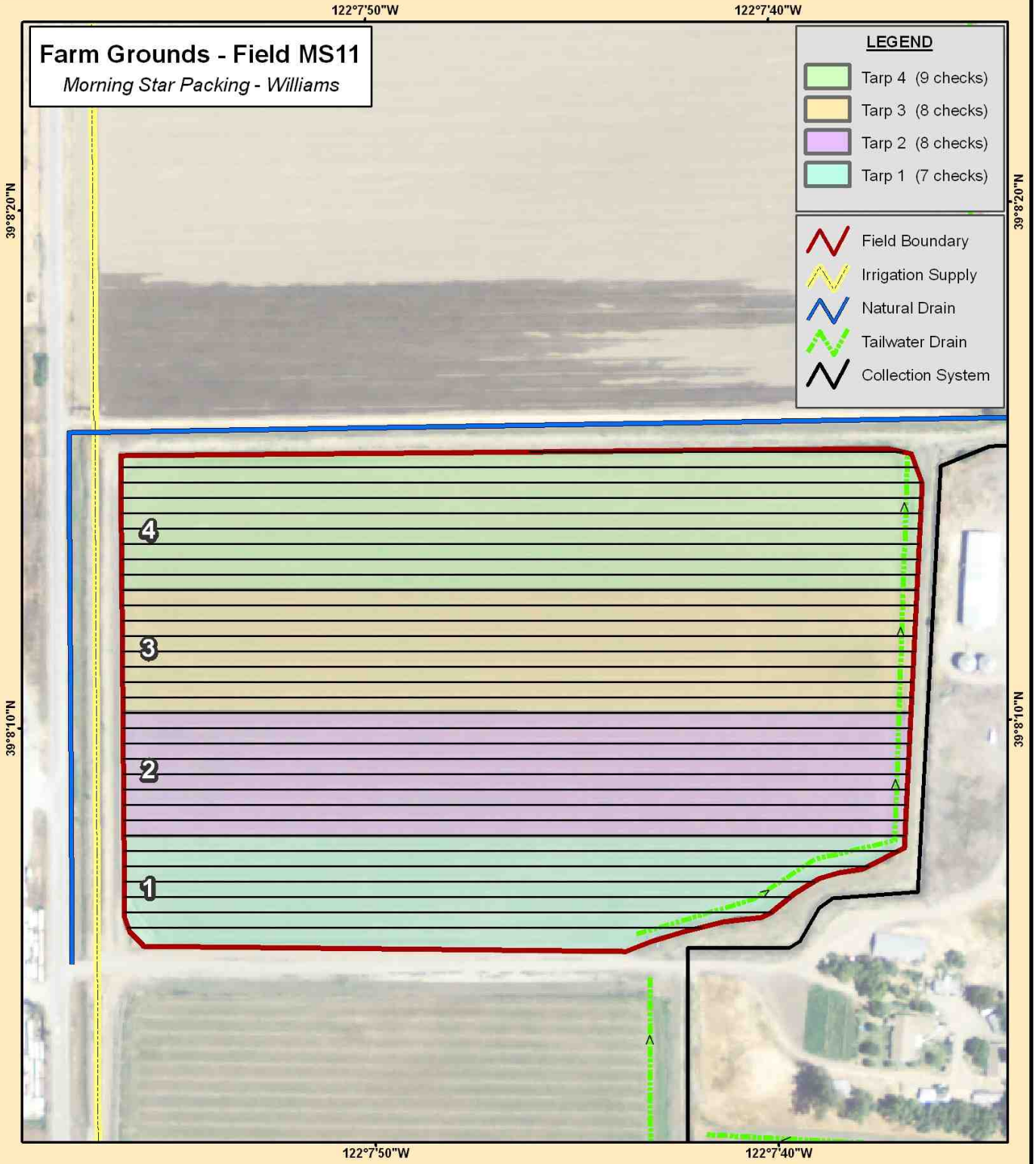
Farm Grounds - Field MS11

Morning Star Packing - Williams

LEGEND

- Tarp 4 (9 checks)
- Tarp 3 (8 checks)
- Tarp 2 (8 checks)
- Tarp 1 (7 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System



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Map Scale 1:3,000 1 Inch = 250 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: March 24, 2014
Map ID: CMS2014-048

Farm Grounds - Field MS14 Morning Star Packing - Williams

LEGEND

-  Tarp 7 (6 checks)
-  Tarp 6 (8 checks)
-  Tarp 5 (8 checks)
-  Tarp 4 (8 checks)
-  Tarp 3 (8 checks)
-  Tarp 2 (8 checks)
-  Tarp 1 (8 checks)

-  Field Boundary
-  Irrigation Supply
-  Natural Drain
-  Tailwater Drain
-  Collection System



Custom Mapping Services, L.L.C. does not guarantee the accuracy or content of the data used in this map. Map is intended for pictorial use only and is not to be used for legal purposes.

Map Scale 1:3,600 1 Inch = 300 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: March 24, 2014
Map ID: CMS2014-050

Farm Grounds - Field MS15 Morning Star Packing - Williams

LEGEND

- Tarp 4 (9 checks)
- Tarp 3 (12 checks)
- Tarp 2 (11 checks)
- Tarp 1 (8 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System

4

3

2

1



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Map Scale 1:2,700 1 Inch = 225 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Prairieville, LA (225) 677-7207
Map Date: March 24, 2014
Map ID: CMS2014-045

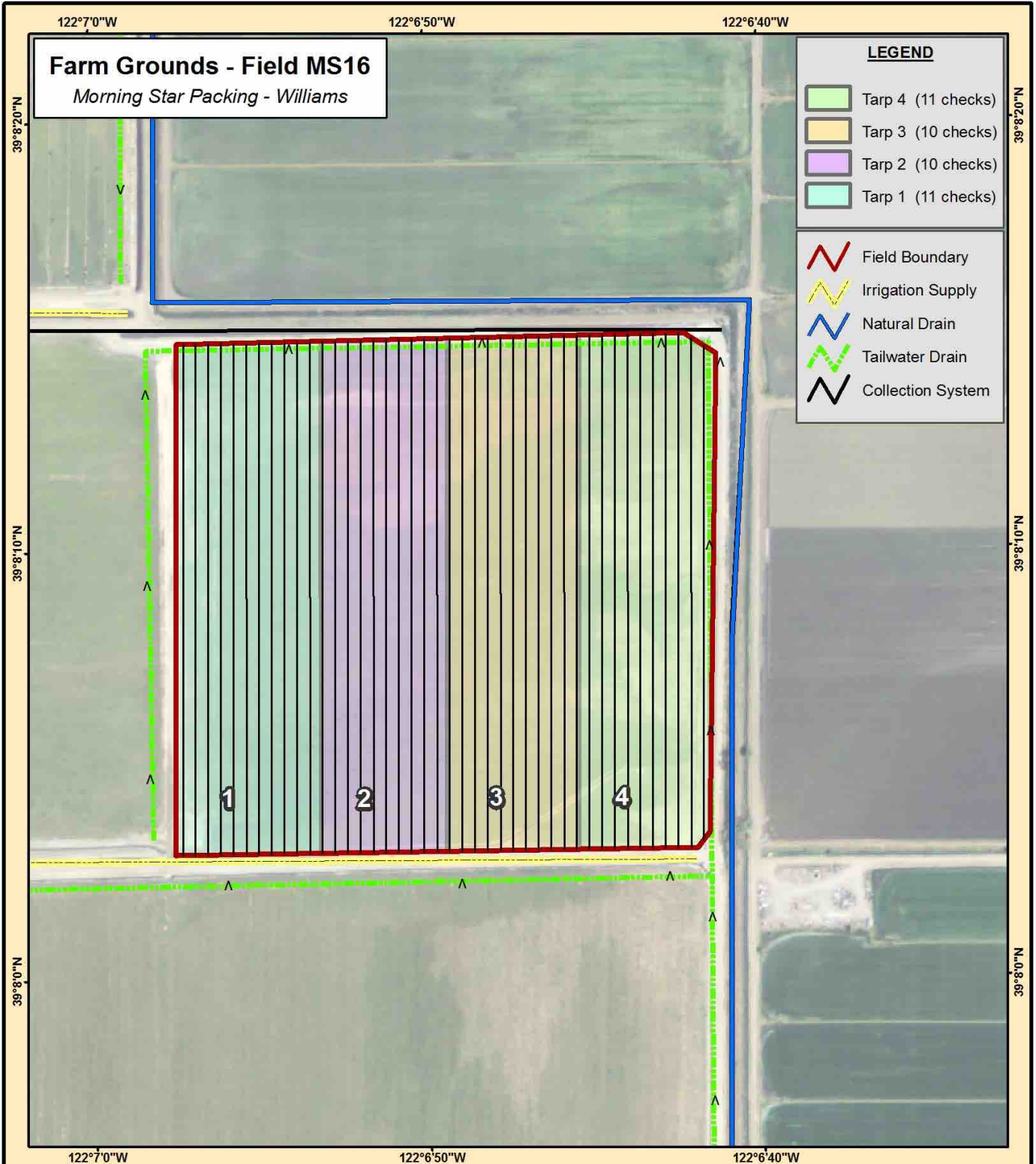
Farm Grounds - Field MS16

Morning Star Packing - Williams

LEGEND

- Tarp 4 (11 checks)
- Tarp 3 (10 checks)
- Tarp 2 (10 checks)
- Tarp 1 (11 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System



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Map Scale 1:3,600 1 Inch = 300 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

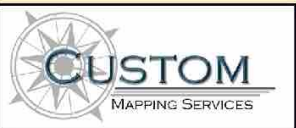
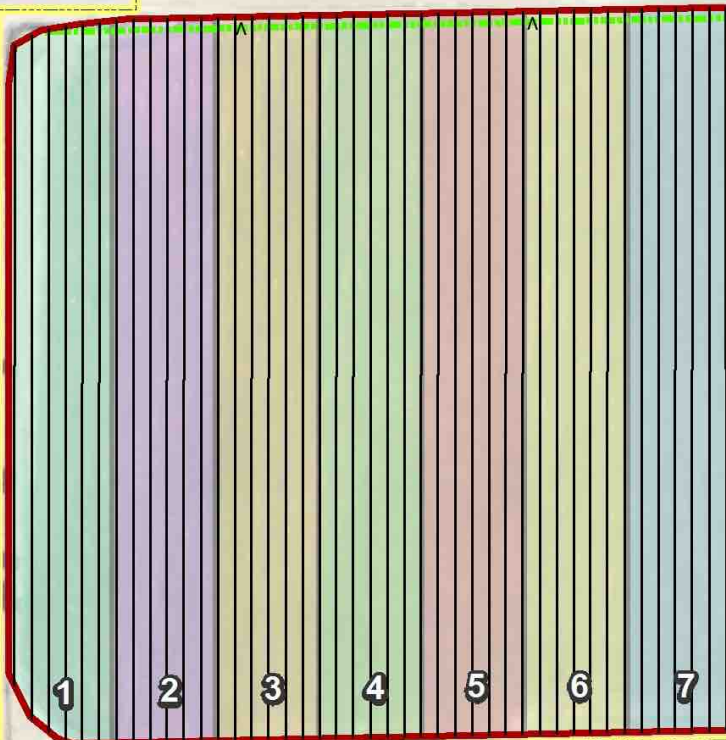
Map Source:
Custom Mapping Services, L.L.C.
Baton Rouge, LA (225) 677-7207
Map Date: November 30, 2015
Map ID: CMS2015-170

Farm Grounds - Field MS18a Morning Star Packing - Williams

LEGEND

-  Tarp 7 (6 checks)
-  Tarp 6 (6 checks)
-  Tarp 5 (6 checks)
-  Tarp 4 (6 checks)
-  Tarp 3 (6 checks)
-  Tarp 2 (6 checks)
-  Tarp 1 (6 checks)

-  Field Boundary
-  Irrigation Supply
-  Natural Drain
-  Tailwater Drain
-  Collection System



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Map Scale 1:3,600 1 Inch = 300 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

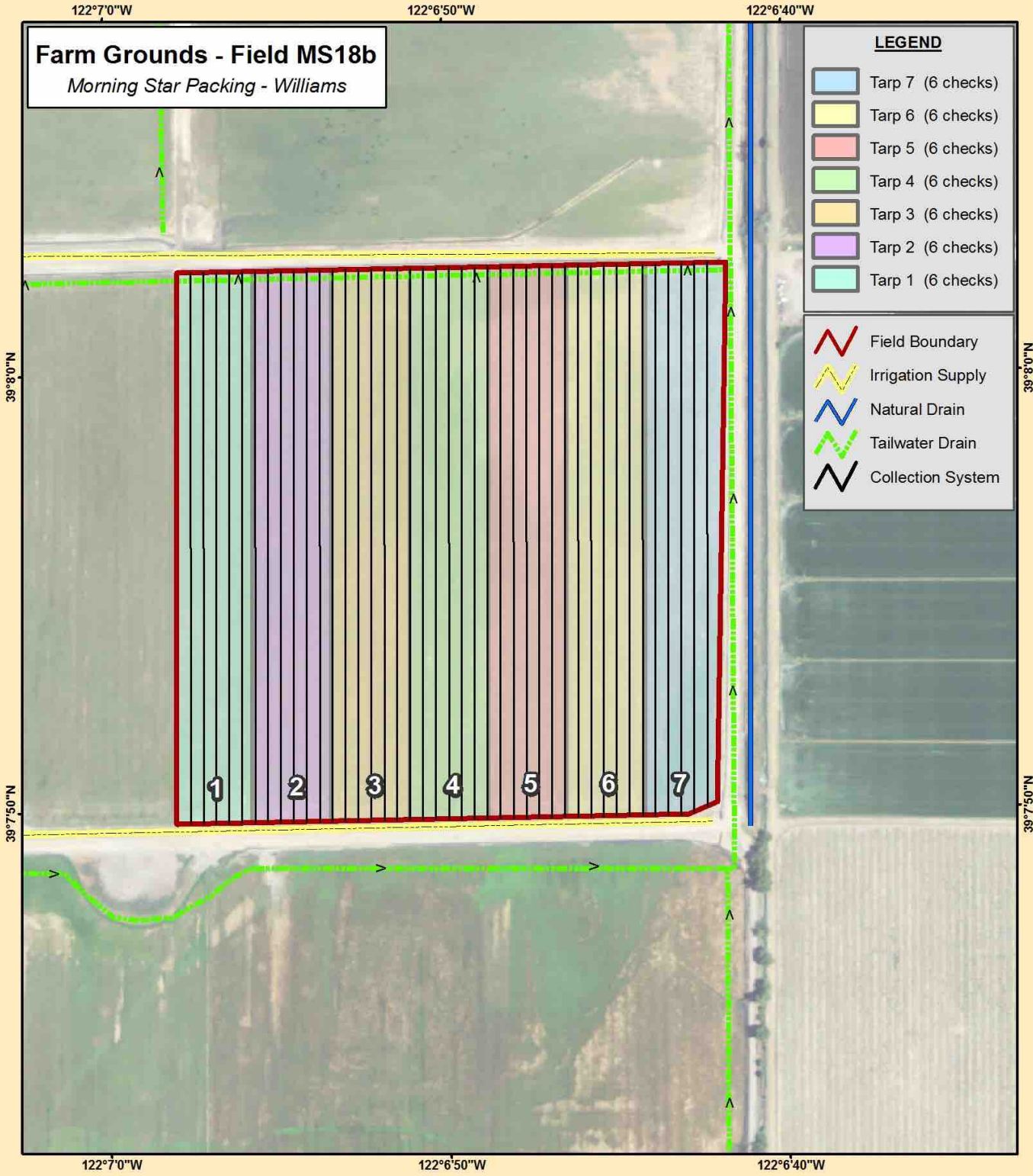
Map Source:
Custom Mapping Services, L.L.C.
Baton Rouge, LA (225) 677-7207
Map Date: November 30, 2015
Map ID: CMS2015-168

Farm Grounds - Field MS18b Morning Star Packing - Williams

LEGEND

- Tarp 7 (6 checks)
- Tarp 6 (6 checks)
- Tarp 5 (6 checks)
- Tarp 4 (6 checks)
- Tarp 3 (6 checks)
- Tarp 2 (6 checks)
- Tarp 1 (6 checks)

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Collection System



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Map Scale 1:3,600 1 Inch = 300 Feet



Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Baton Rouge, LA (225) 677-7207
Map Date: November 30, 2015
Map ID: CMS2015-169

Farm Grounds - Field MS24 Morning Star Packing - Williams

LEGEND

- Field Boundary
- Irrigation Supply
- Natural Drain
- Tailwater Drain
- Pivot System

Effluent
Sample
Location

Map Scale 1:7,200 1 Inch = 600 Feet



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Data Source:
Aerial Photography: Summer 2012
Projection: UTM Zone 10N, NAD 83
State of California: Colusa County

Map Source:
Custom Mapping Services, L.L.C.
Baton Rouge, LA (225) 677-7207
Map Date: November 30, 2015
Map ID: CMS2015-171

Attachment E

MONTHLY MONITORING REPORT

MONTH October
 YEAR 2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS2

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	41.05
Number of Checks	58
Check Width (feet)	30
Check Length (feet)**	1,100
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/15/15
Actual Planting Date	5/20/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	6-Aug
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	2 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Total Volume to Each Check (gal)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1	0:00		0.02	17-40	Washwater	86,139	24	17	0.19	37
2		0:00	0	17-41	Washwater	24,915	24	17	0.05	37
3	0:00		0	41-58	Washwater	19,534	24	12.6	0.06	38
4			0	41-58	Washwater	10,401	24	12.6	0.03	38
5		0:00	0	41-58	Washwater	38,852	24	12.6	0.11	38
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper

²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	2
--	---

³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH October
YEAR 2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS3

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	41.05
Number of Checks	53
Check Width (feet)	30
Check Length (feet)**	1,000
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/15/15
Actual Planting Date	5/20/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	6-Aug
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	2 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper

²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac)³	0
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³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH	October
YEAR	2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS5

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	24.6
Number of Checks	34
Check Width (feet)	30
Check Length (feet)**	1,200
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/16/15
Actual Planting Date	5/21/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	7/24, 9/20
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	3.1 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
--	---

³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH October
YEAR 2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	21.4
Number of Checks	29
Check Width (feet)	30
Check Length (feet)**	1,300
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Rice
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	110
Anticipated Planting Date	7/1/15
Actual Planting Date	7/14/15
Anticipated Harvest Date	15-Oct
Actual Harvest Date	
Expected Harvest Yield	4 tons/acre
Actual Harvest Yield	

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper

²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH October
YEAR 2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS11

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	35.6
Number of Checks	32
Check Width (feet)	30
Check Length (feet)**	1,500
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/17/15
Actual Planting Date	5/22/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	9-Sep
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	0.8

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

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²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH

October

YEAR

2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	44.5
Number of Checks	54
Check Width (feet)	30
Check Length (feet)**	1,250
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Grass Hay
Crop ET (Inches)	3.07
Total Nitrogen Demand (lb/ac)	240
Anticipated Planting Date	12/1/14
Actual Planting Date	12/3/14
Anticipated Harvest Date	April/May 2015
Actual Harvest Date	24-Aug
Expected Harvest Yield	2-2.5 tons/acre
Actual Harvest Yield	2.6 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper

²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac)³	0
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³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH October
 YEAR 2015

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order: R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS15

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	26.7
Number of Checks	40
Check Width (feet)	30
Check Length (feet)**	1,000
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

**Est based on Google Earth

Crop Information

Crop Name	Sudan
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/15/15
Actual Planting Date	5/23/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	7/20, 9/4
Expected Harvest Yield	3-3.5 tons/acre
Actual Harvest Yield	2.5 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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³See MRP footnote 5

MONTH
YEAR

October
2015

DISCHARGER:
FACILITY:
COUNTY:
WDRs Order:

Morning Star Packing Company, LP and Fred Gobel
Morning Star Tomato Packing Plant
Colusa
R5-2013-0144

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Field Irrigation Information	
Area (acres)	36.7
Number of Checks	*42
Check Width (feet)	30
Check Length (feet)**	1,240
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

*Estimated & Calculated based on Google Earth with 30' checks
**Est based on Google Earth

Crop Information

Crop Information	
Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/18/15
Actual Planting Date	5/23/15
Anticipated Harvest Date	7/15, 9/15
Actual Harvest Date	26-Aug
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	3.2 tons/acre

Cattle Grazing Schedule

Cattle Grazing Schedule	
Number of Cattle on Field	()
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							26
6			0							26
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper

²See MRP page 3. "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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³See MRP footnote 5

MONTH	October
YEAR	2015

MS18a

(Submit one sheet for each field irrigated during the month)

Area (acres)	39.1
Number of Checks*	42
Check Width (feet)	30
Check Length (feet)**	1,300
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/18/15
Actual Planting Date	5/25/15
Anticipated Harvest Date	7/20, 9/20
Actual Harvest Date	7/28, 10/8
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	2.4 tons/acre 3.2 tons/acre

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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MONTHLY MONITORING REPORT

MONTH
YEAROctober
2015DISCHARGER:
FACILITY:
COUNTY:
WDRs Order:Morning Star Packing Company, LP and Fred Gobel
Morning Star Tomato Packing Plant
Colusa
R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS18b

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	39.1
Number of Checks*	43
Check Width (feet)	30
Check Length (feet)**	1,300
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

*Estimated & Calculated based on Google Earth with 30' checks

**Est based on Google Earth

Crop Information

Crop Name	Sudan Grass
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	5/18/15
Actual Planting Date	5/25/15
Anticipated Harvest Date	7/20, 9/20
Actual Harvest Date	8/4, 10/8
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	2.4 tons/acre 3.2 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.Total Nitrogen Loading Rate for Month (lb/ac)³ 0³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH
YEAR

October
2015

DISCHARGER:
FACILITY:
COUNTY:
WDRs Order:Morning Star Packing Company, LP and Fred Gobel
Morning Star Tomato Packing Plant
Colusa
R5-2013-0144

LAND APPLICATION AREA MONITORING RESULTS FOR FIELD NAME

MS24

(Submit one sheet for each field irrigated during the month)

Field Irrigation Information

Area (acres)	135
Number of Checks*	44
Check Width (feet)	30
Check Length (feet)**	1,300
Irrigation Application Days	N/A
Irrigation Resting Days	N/A
Irrigation Cycle Days	N/A

*Estimated & Calculated based on Google Earth with 30' checks

**Est based on Google Earth

Crop Information

Crop Name	Sudan
Crop ET (Inches)	0.63
Total Nitrogen Demand (lb/ac)	325
Anticipated Planting Date	8/1/15
Actual Planting Date	14-Aug
Anticipated Harvest Date	15-Oct
Actual Harvest Date	5-Oct
Expected Harvest Yield	3 tons/acre
Actual Harvest Yield	1.3 tons/acre

Cattle Grazing Schedule

Number of Cattle on Field	0
Cattle Grazing Start Date	N/A
Cattle Grazing End Date	N/A
BOD Mass/Head (lb/day/head)	N/A
Nitrogen Mass/Head (lb/day/head)	N/A

Day of Month	Start Time	End Time	Precipitation (Inches)	Names of Checks Irrigated Each Day	Types of Water Applied (wastewater, cooling water, supplemental irrigation)	Estimated Flow Rate to Each Check (gpm)	Total Irrigation Hours for Each Check	Area (acres)	Total Volume of Water Applied to Each Check (inches) ¹	BOD Loading Rate as an Irrigation Cycle Average (lb/ac/day) ²
1			0.02							
2			0							
3			0							
4			0							
5			0							
6			0							
7			0							
8			0							
9			0							
10			0							
11			0							
12			0							
13			0							
14			0							
15			0							
16			0							
17			0.02							
18			0							
19			0							
20			0							
21			0							
22			0							
23			0							
24			0							
25			0							
26			0							
27			0							
28			0.02							
29			0							
30			0							
31			0							
Total			0.06							

¹Calculations and assumptions shall be documented on a separate piece of paper²See MRP page 3, "Land Application Area" footnote 4 for calculation instructions. Calculations and assumptions shall be documented on a separate piece of paper.

Total Nitrogen Loading Rate for Month (lb/ac) ³	0
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³See MRP footnote 5

MONTHLY MONITORING REPORT

MONTH
YEAR

October
2015

DISCHARGER: Moring Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order R5-2013-0144

LAND APPLICATION AREA MONITORING TOTAL NITROGEN LOADING RESULTS

LAA Field	Gebel	MS 1	MS 2	MS 3	MS 5	MS 6	MS 11	MS 14	MS 15	MS 16	MS 18a	MS 18b	MS 24
Acres of LAA Irrigated													
Total Nitrogen Loading from Wastewater (lbs/ac/month)		0	2	0	0	0	0	0	0	0	0	0	0
Total Nitrogen Loading Rate from Settling Pond Solids (lbs/ac/month)		0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrogen Loading Rate from Cooling Pond Solids (lbs/ac/month)													
Total Nitrogen Loading Rate from Residual Solids (lbs/ac/month)		0	0	0	0	0	0	0	0	0	0	0	0.0
Total Nitrogen Loading Rate from Cattle/ Manure (lbs/ac/month)													
Total Nitrogen Loading Rate from Commercial Fertilizers (lbs/ac/month)													
Cumulative Annual Total Nitrogen Value (lbs/ac/year)		0	156	152	160	319	162	287	152	212	161	185	387
Cumulative Annual Total Nitrogen Value (lbs/ac/year)		0	158	152	160	319	162	287	152	212	161	185	387
Annual Crop Demand (lbs/ac/year)	0	0	440	440	440	225	440	415	440	440	440	440	440

Attachment F

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order: R5-2013-0144

MONTHLY MONITORING REPORT : Facility Not Processing, Land Application Monitoring N/A

MONTH	October
YEAR	2015

LAND APPLICATION AREA WASTEWATER INSPECTION MONITORING

Field No.		Technician	
Date		Weather	

1. Any evidence of erosion: yes/no _____
2. Berm Condition: _____
3. Standpipe and flow control valve condition _____
4. Are the valves being used properly: yes/no _____
5. Is there any soil saturation: yes/no _____
6. Is there any ponding: yes/no _____
7. Is there any potential runoff to offsite areas: yes/no _____
8. Is there any potential and actual discharge to surface water: yes/no _____
9. Are there any accumulation of organic solids at soil surface: yes/no _____
10. Is there any soil clogging: yes/no _____
11. Are there any odors that have the potential to be objectionable at or beyond the property boundary:
yes/no _____
12. Are there any insects: yes/no _____
13. Temperature and wind direction/strength _____
14. Other observations _____

At least once per week when wastewater is being applied to the land application areas, the application areas in use shall be inspected to identify any equipment malfunction or other circumstance that might allow wastewater or irrigation runoff to leave each LAA and/or create conditions that violate the Waste Discharge Requirements. A log of these inspections shall be kept at the facility and summarized for submittal with the monthly monitoring reports.

In accordance with Section A.5 of the Monitoring Report, please attach a current site plan depicting the irrigation checks within each LAA field that will be used during the calendar year, including all water conveyance ditches and internal berms that divide each LAA (where applicable).

Attachment G

DISCHARGER: Morning Star Packing Company, LP and Fred Gobel
FACILITY: Morning Star Tomato Packing Plant
COUNTY: Colusa
WDRs Order R5-2013-0144

MONTHLY MONITORING REPORT

MONTH	October
YEAR	2015

RESIDUAL SOLIDS MONITORING : Facility Not Processing, Solids Monitoring N/A

Date	Type of Solids Generated	Volume of Solids Generated (tons) ¹	Volume of Solids Disposed of Offsite (tons)	Offsite Solids Disposal Location ²	Volume of Solids Disposed of Onsite (tons)	Onsite Solids Disposal Location ³
October	Pomace	-	-	N/A	N/A	N/A
October	Wet Waste	-	-	N/A	N/A	N/A

¹Volume of Solids Generated. Solids may include pomace, seeds, stems, diatomaceous earth, screenings, pond solids, and sump solids, or other material.

²Volume Disposed of Off-site. Describe the disposal method (e.g. animal feed, land application, off-site composting, landfill, etc.) and the name of the hauling company.

³Volume Disposed of On-site; location of on-site disposal (e.g. land application area field); method of application, spreading, and incorporation; application rate (tons/acre), and results from weekly grab sample analysis for total nitrogen.

Solids used in onsite animal feed process. Will be sold.

Attachment H

DISCHARGE Morning Star Packing Company, LP and Fred Gobel
 FACILITY: Morning Star Tomato Packing Plant
 COUNTY: Colusa
 WDRs Order R5-2013-0144

MONTHLY MONITORING REPORT : No water in pond

MONTH

October

 YEAR

2015

FIELD INSTRUMENT CALIBRATION LOG

Monitoring Week	Date	Time	Lower Standard pH Buffer	Lower Standard Stabilized pH	Lower pH Standard Calibrated pH	Upper Standard pH Buffer	Upper Standard Stabilized pH	Upper Standard Calibrated pH	DO Initial Reading	Electrolyte Solution Added	DO Reading after Calibration	Technican's Initials
Week 1	10/3/15	8:00AM	4.0	3.9	Not Necessary	10.0	10.1	Not Necessary	1.5	No, this is a Hach Meter	1.4	J.I.
Week 2	10/10/15	8:00AM	4.0	3.8	4	10.0	10.1	10.0	1.1	No, this is a Hach Meter	1.1	J.I.
Week 3												
Week 4												
Week 5												

If either calibrated pH value is more than 0.2 higher or lower than its corresponding pH buffer value, recalibrate the meter before using it in the field.



INSTRUMENT CALIBRATION REPORT

Aqua Sierra Controls, Inc.
1650 Industrial Drive
Auburn, CA 95603
Phone (800) 649-4287
Fax (530) 823-3475
service@aquasierra.com

Attn: JAMES BRISCOE
MORNING STAR PACKING COMPANY
2211 OLD HIGHWAY 99
WILLIAMS, CA 95987

Instrument ID 01
Description FLOW METER

Serial Number AU022588
Model Number U SONIC R

Calibrated 5/29/2015
Scheduled 5/29/2016
Calibration ID 23780
Certificate # 01
Equipment ID

Department
Manufacturer DREXEL BROOK
Calibration Type SCHEDULED
Location SETTLING POND
Building OUTSIDE

Calibration Specifications

Stated Accy Pct of Reading

<u>In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Error %</u>	<u>Lft As</u>	<u>Error %</u>
0.00	FEET H2O	0.00	GPM	0.00	0.00%	0.00	0.00%
0.20	FEET H2O	334.20	GPM	338.40	1.26%	338.40	1.26%
0.54	FEET H2O	1483.00	GPM	1,471.00	-0.81%	1,471.00	-0.81%
0.71	FEET H2O	2235.00	GPM	2,268.00	1.48%	2,268.00	1.48%
0.87	FEET H2O	3032.00	GPM	3,047.00	0.49%	3,047.00	0.49%

Test Instruments Used During the Calibration

<u>Test Instrument ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>
135	Ultrasonic Calibration Stand	ASC	1076-10	ASC-03-JOHN

Notes about this calibration

3' RECTANGULAR WEIR
ZERO DISTANCE = 33.3", ZERO DISTANCE MAY CHANGE, CUSTOMER SETS WHEN FLOW AVERAGES.
VERIFIED LEVEL READING AT WEIR.
NO TOTALIZER, RATE ONLY.

Calibration Result Calibration Successful

Who Calibrated JOHN TURNER



INSTRUMENT CALIBRATION REPORT

Aqua Sierra Controls, Inc.
1650 Industrial Drive
Auburn, CA 95603
Phone (800) 649-4287
Fax (530) 823-3475
service@aquasierra.com

Attn: JAMES BRISCOE
MORNING STAR PACKING COMPANY
2211 OLD HIGHWAY 99
WILLIAMS, CA 95987

Instrument ID 02
Description FLOW METER

Serial Number A1J000210
Model Number U SONIC R

Calibrated 5/29/2015
Scheduled 5/29/2016
Calibration ID 23781
Certificate # 02
Equipment ID

Department
Manufacturer DREXEL BROOK
Calibration Type SCHEDULED
Location COOLING POND
Building OUTSIDE

Calibration Specifications

Stated Accy Pct of Reading

<u>In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Error %</u>	<u>Lft As</u>	<u>Error %</u>
0.00	FEET H2O	0.00	GPM	0.00	0.00%	0.00	0.00%
0.22	FEET H2O	301.70	GPM	298.00	-1.23%	298.00	-1.23%
0.41	FEET H2O	752.80	GPM	749.00	-0.50%	749.00	-0.50%
0.55	FEET H2O	1153.00	GPM	1,169.00	1.39%	1,169.00	1.39%
0.67	FEET H2O	1530.00	GPM	1,524.00	-0.39%	1,524.00	-0.39%

Test Instruments Used During the Calibration

<u>Test Instrument ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>
135	Ultrasonic Calibration Stand	ASC	1076-10	ASC-03-JOHN

Notes about this calibration

2' RECTANGULAR WEIR WITH END CONTRACTIONS
ZERO DISTANCE = 32.6" OR 2.72'
ZERO DISTANCE SET BY CUSTOMER
NEW TRANSDUCER
CHANNEL #2

Calibration Result Calibration Successful

Who Calibrated JOHN TURNER



INSTRUMENT CALIBRATION REPORT

Aqua Sierra Controls, Inc.
1650 Industrial Drive
Auburn, CA 95603
Phone (800) 649-4287
Fax (530) 823-3475
service@aquasierra.com

Attn: JAMES BRISCOE
MORNING STAR PACKING COMPANY
2211 OLD HIGHWAY 99
WILLIAMS, CA 95987

Instrument ID 03
Description FLOW METER

Serial Number A1J000210
Model Number U SONIC R

Calibrated 5/29/2015
Scheduled 5/29/2016
Calibration ID 23782
Certificate # 03
Equipment ID

Department
Manufacturer DREXEL BROOK
Calibration Type SCHEDULED
Location MAIN DITCH
Building OUTSIDE

Calibration Specifications

Stated Accy Pct of Reading

<u>In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Error %</u>	<u>Lft As</u>	<u>Error %</u>
0.00	FEET H2O	0.00	GPM	0.00	0.00%	0.00	0.00%
0.20	FEET H2O	334.20	GPM	339.00	1.44%	339.00	1.44%
0.54	FEET H2O	1483.00	GPM	1,476.00	-0.47%	1,476.00	-0.47%
0.71	FEET H2O	2235.00	GPM	2,229.00	-0.27%	2,229.00	-0.27%
0.87	FEET H2O	3032.00	GPM	3,045.00	0.43%	3,045.00	0.43%

Test Instruments Used During the Calibration

<u>Test Instrument ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>
135	Ultrasonic Calibration Stand	ASC	1076-10	ASC-03-JOHN

Notes about this calibration

2.5' RECTANGULAR WEIR
CHANNEL #1
VERIFIED LEVEL READING AT WEIR
ZERO DISTANCE MEASURED AT 3.13'
ZERO DISTANCE IS SET BY CUSTOMER.
NO TOTALIZER

Calibration Result Calibration Successful

Who Calibrated JOHN TURNER